



# FEMA



Prepared by  
*Rob Megnia*

# FEMA Region 6 Weather Threat Briefing

Thursday, May 23, 2019

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).

# Summary of the Upcoming Week



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## Today

- **Enhanced risk of severe thunderstorms (hail, rain, wind and tornadoes) across TX/OK Panhandles into NW OK.**

## Friday-Sunday

- **Strong to severe thunderstorms possible across W OK and TX Panhandle.**
- **Heavy rainfall/flash flooding possible across portions of N TX/OK Panhandles.**

## Monday

- **No significant weather impacts expected.**

## Major River Flooding or Known Evacuations

- **Major flooding continues on the MS River at Baton Rouge (SE LA), the Ouachita River at Monroe (N LA), the Neches River near Alto (E TX), and the Trinity River at Liberty (SE TX).**
- **Major flooding along the Arkansas river in NE OK/W AR. Voluntary evacuations requested in Muskogee, Bixby, Webbers Falls, and Fort Gibson.**

# FEMA Region 6 Threat Matrix

May 23, 2019 – May 27, 2019



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DAY / THREAT	THU	FRI	SAT	SUN	MON
Severe Storms	TX/OK Panhandles NW OK	OK/TX	OK/TX	OK/TX	
Heavy Rain / Flash Flooding	NW OK	OK	OK		
	N TX Panhandle				
Fire Weather					
Tropical Weather					
River Flooding	OK/AR	OK/AR	OK/AR	OK/AR	OK/AR
	TX/LA	TX/LA	TX/LA	TX/LA	TX/LA

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.\**

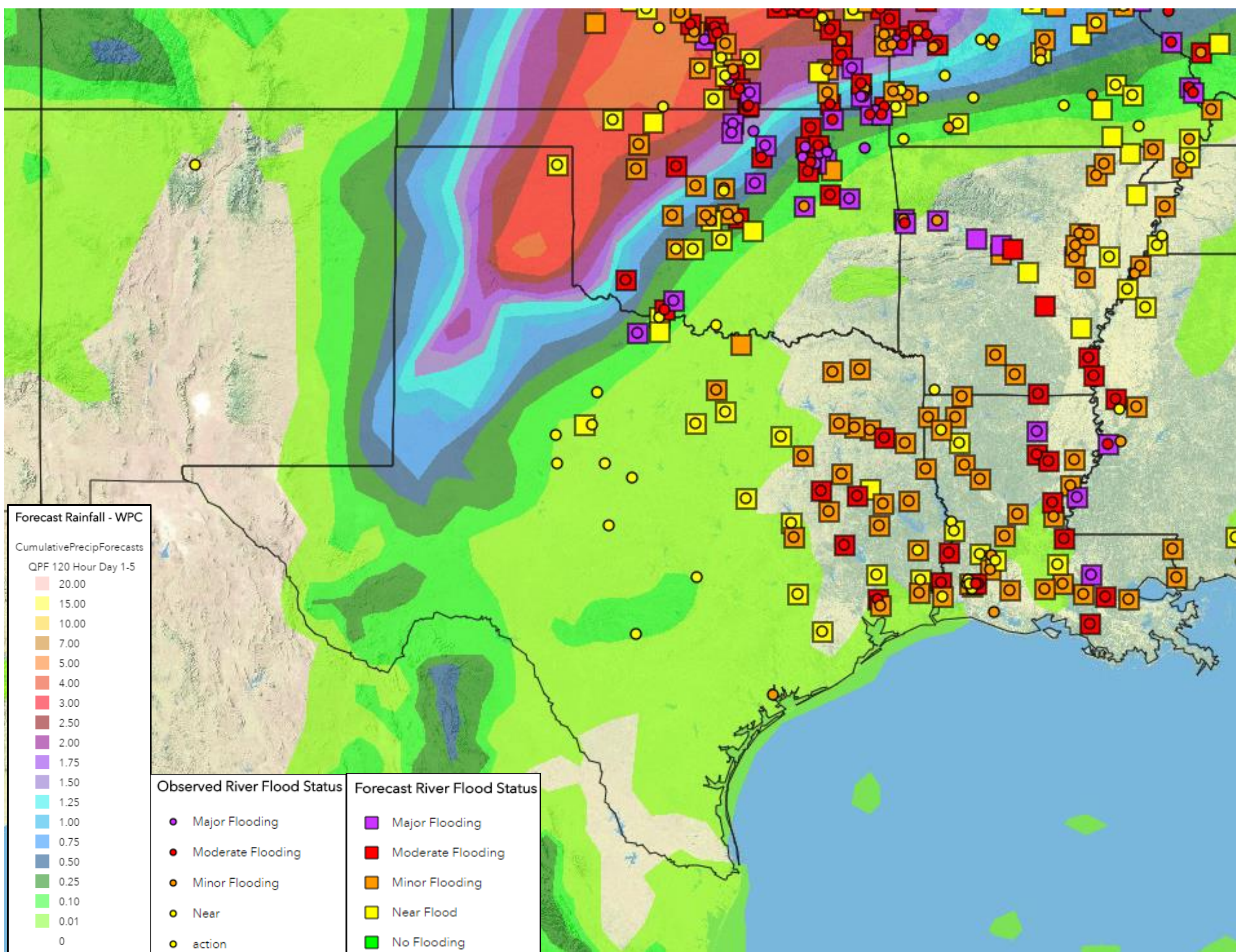
*For more details on the colors in the threat matrix refer to the last slide in this briefing.*

# 5-Day Precipitation Forecast & River Flood Status



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*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



**Points along the MS River in AR and LA remain at moderate/major flood stage.**

- **At Baton Rouge, (SE LA), major flooding will continue with mostly navigational impacts.**
- **The Bonnet Carre Floodway is opened to reduce water levels at New Orleans.**
- **Major flooding also continues on the Ouachita River at Monroe (N LA) and the Neches River Near Alto (E TX)**

**Rare flooding of the Arkansas River in the Tulsa area is imminent**

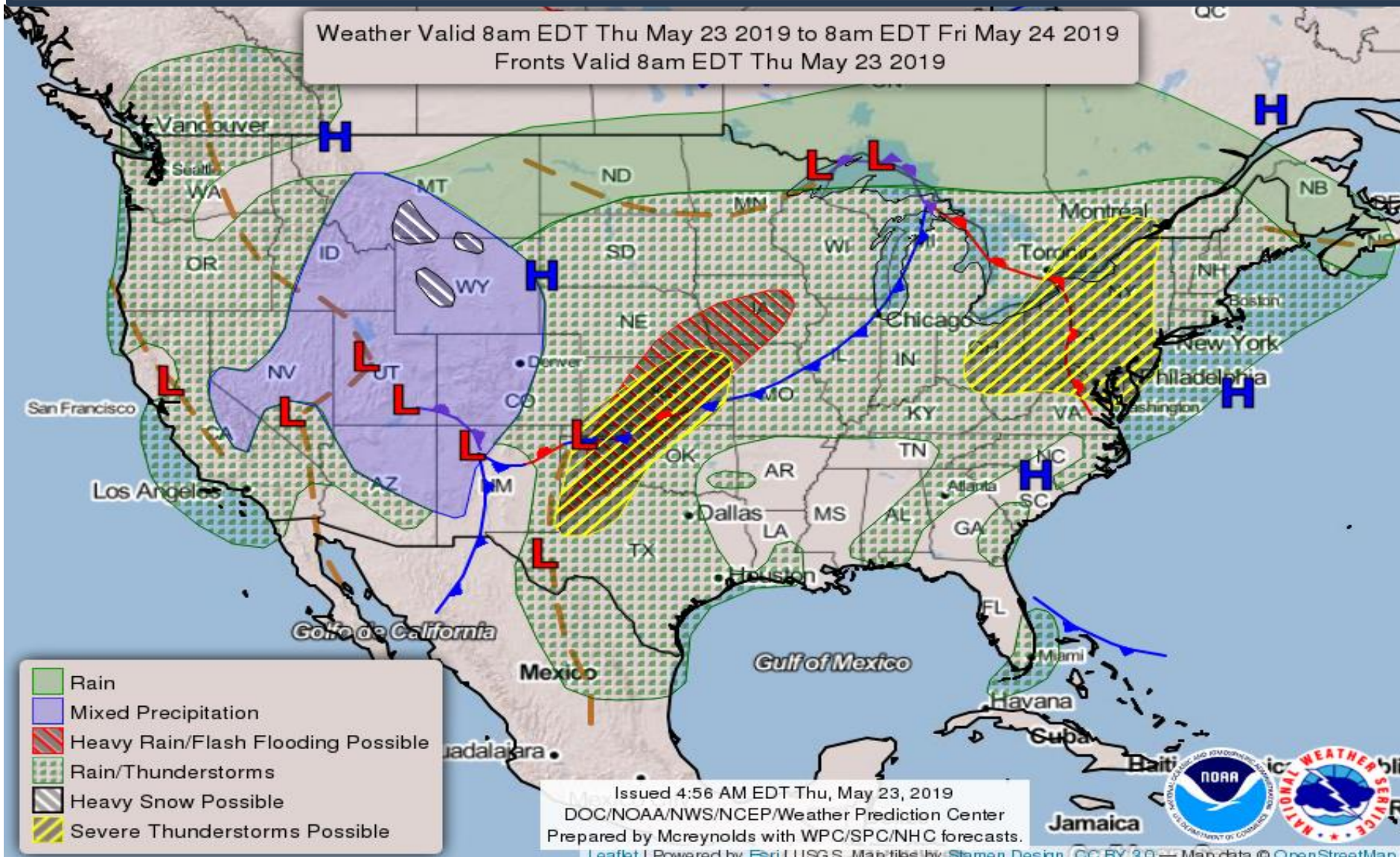
- **Some homes in S Tulsa/Bixby isolated by water**
- **Major flooding expected from Muskogee, OK into western AR**
- **Complete evacuation of Webers Falls OK was requested yesterday**
- **Voluntary evacuations for areas in the City of Muskogee and Fort Gibson have been requested as well.**

# Today's Weather

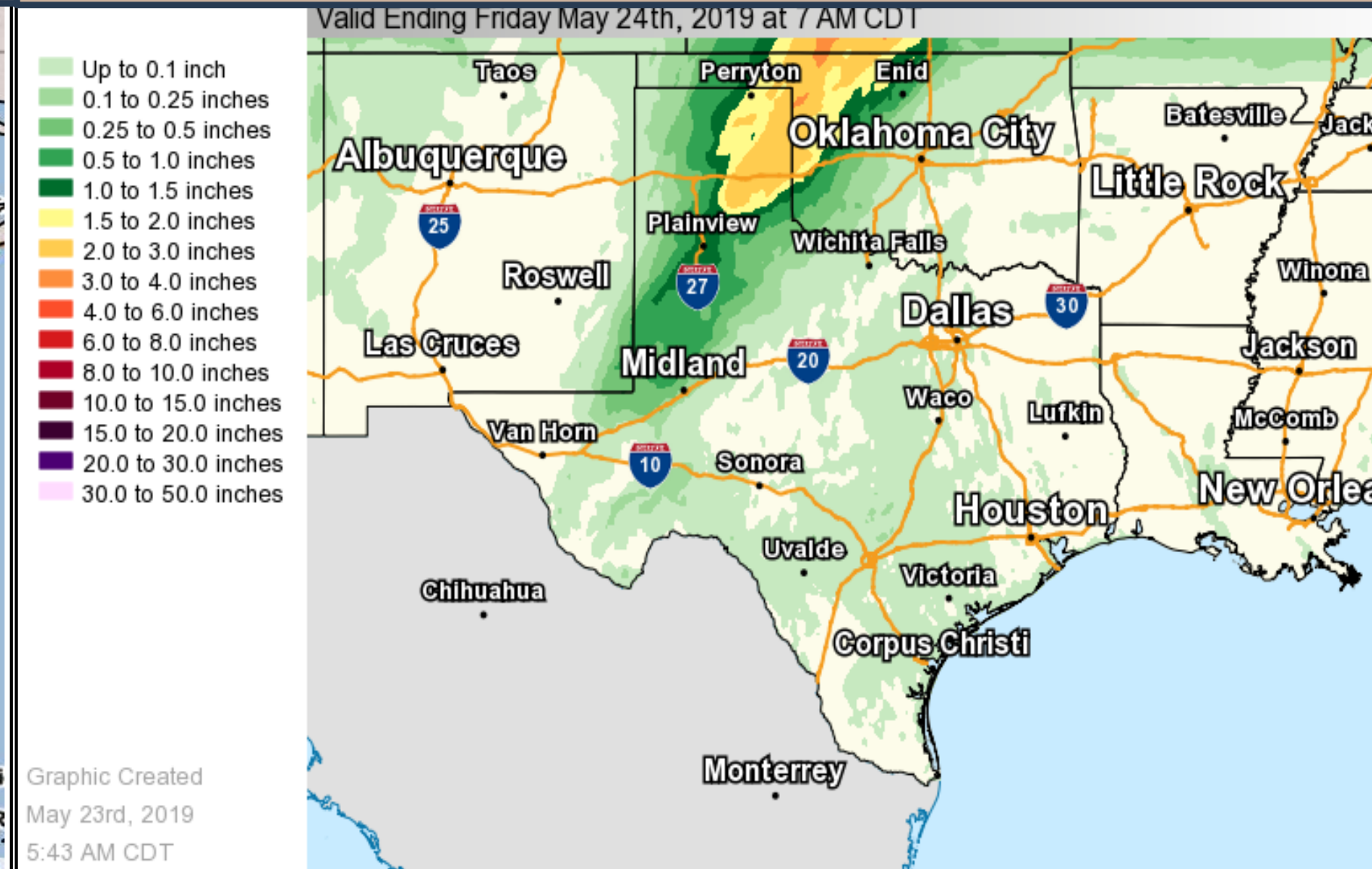


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## Forecast Chart



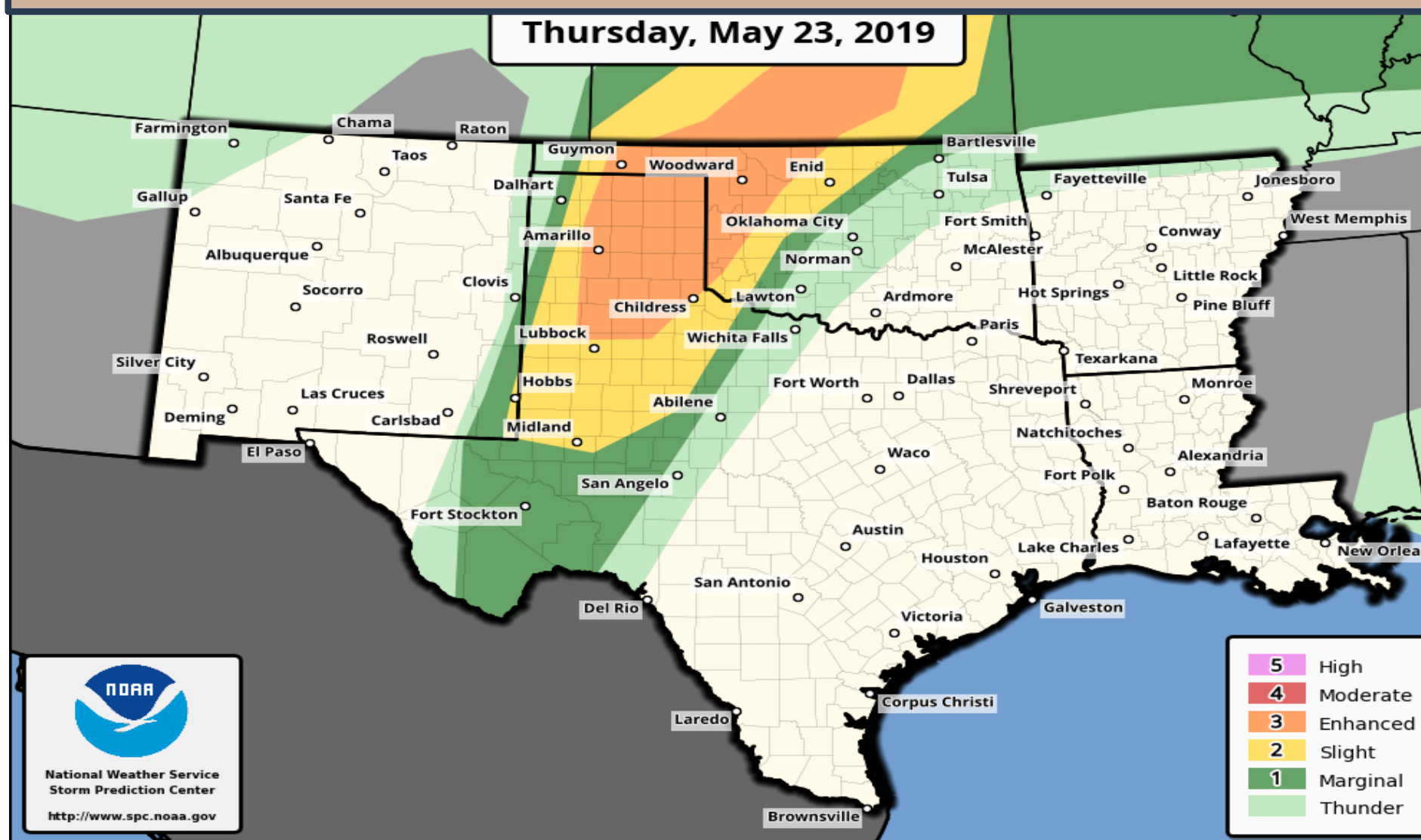
## Forecast Rainfall



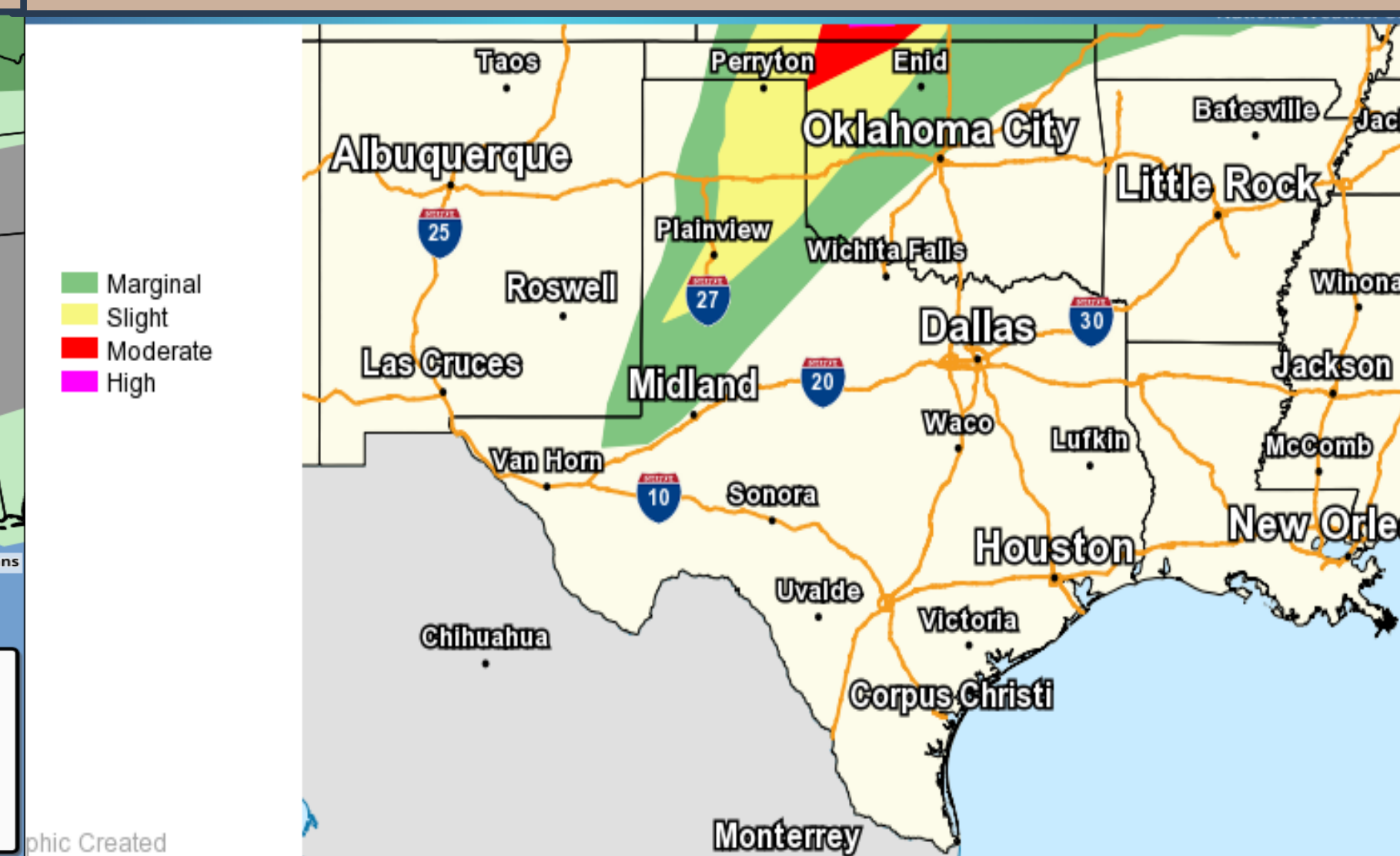
**Severe thunderstorms  
across TX/OK Panhandles  
into NW OK.**

**Heavy rainfall/flash flooding  
possible NW OK**

## Severe Weather Outlook



## Excessive Rainfall Outlook



# Tomorrow's Weather

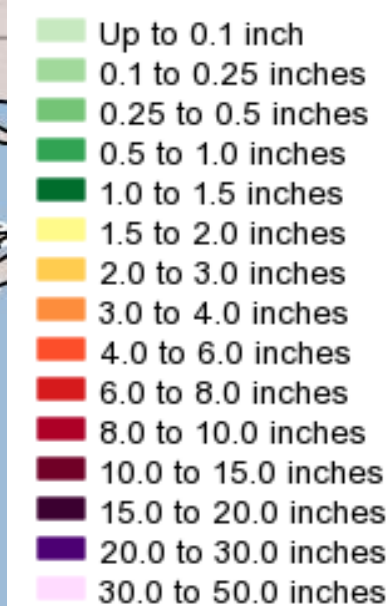
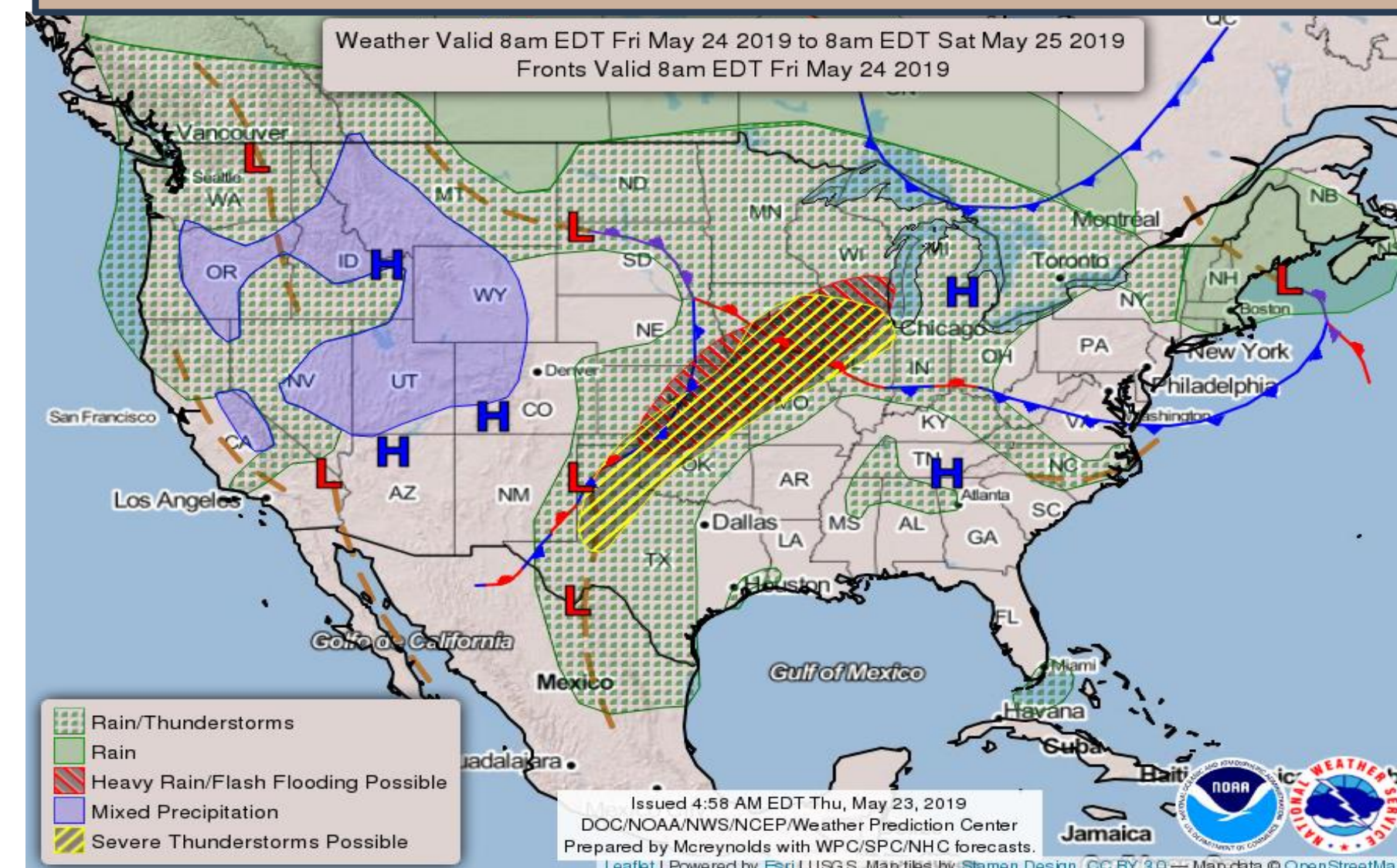


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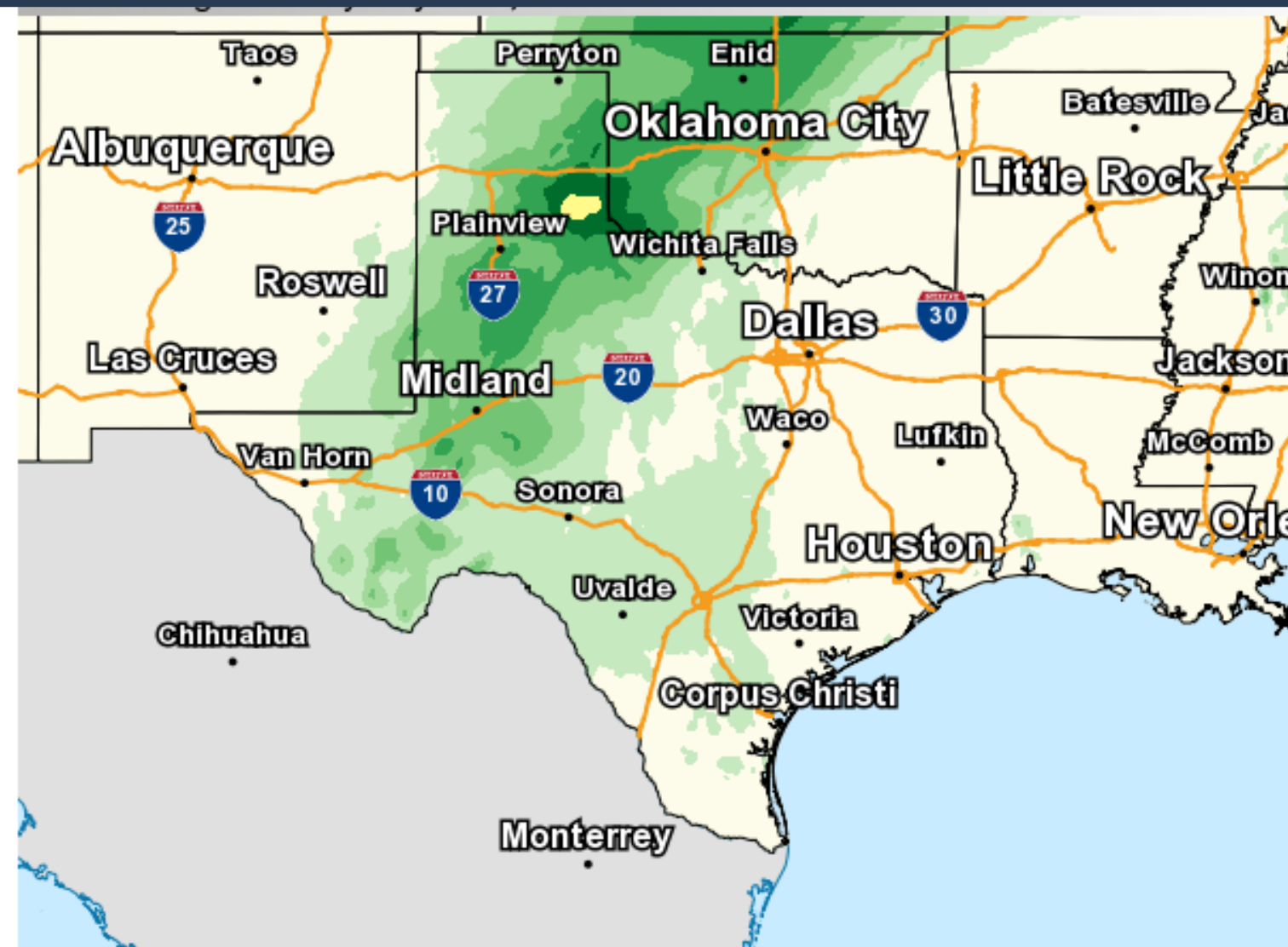
## Forecast Chart

## Forecast Rainfall

**Severe thunderstorms and heavy rainfall/flash flooding possible across W OK and TX Panhandle.**

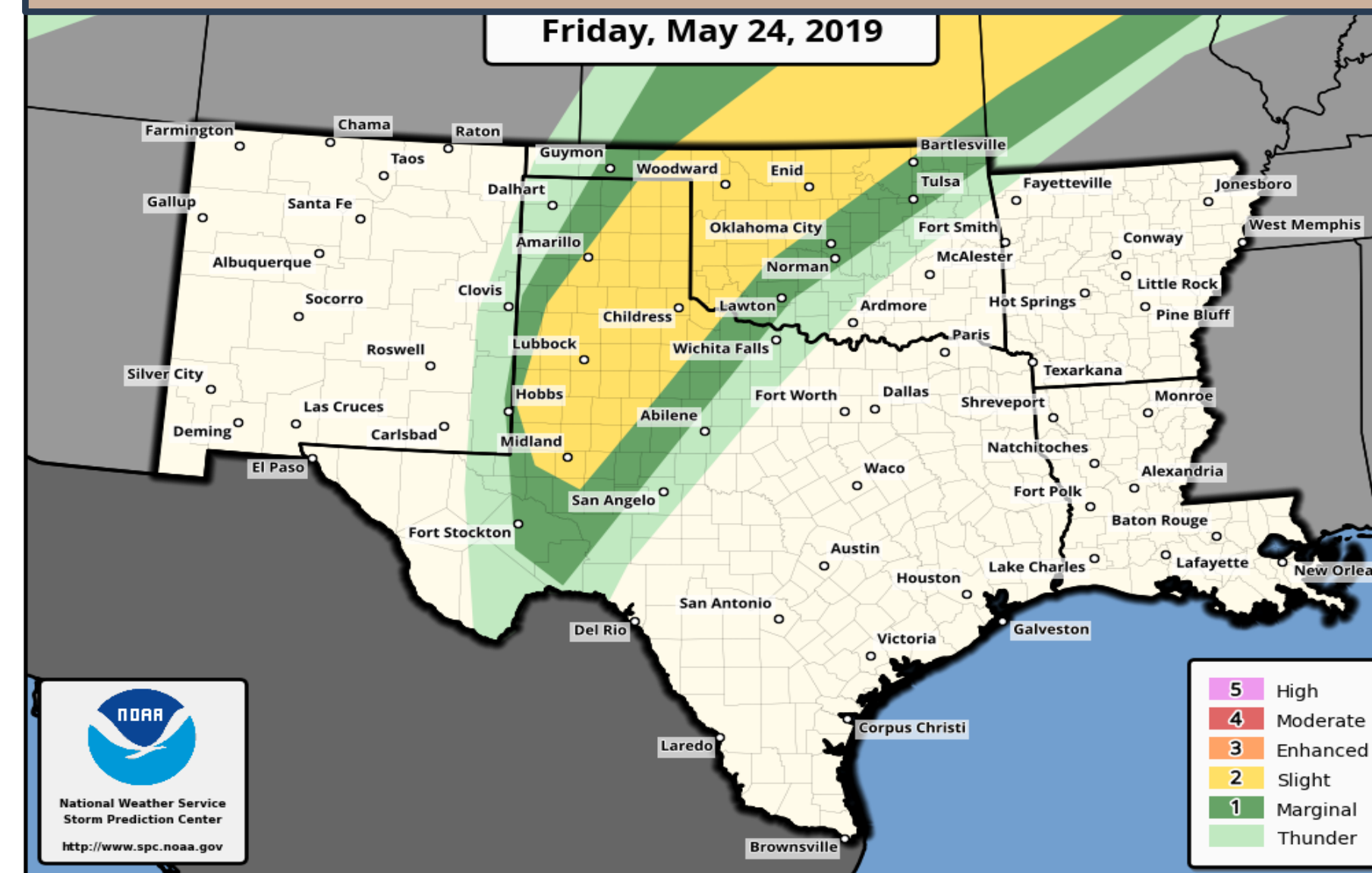


Graphic Created  
May 23rd, 2019  
5:44 AM CDT

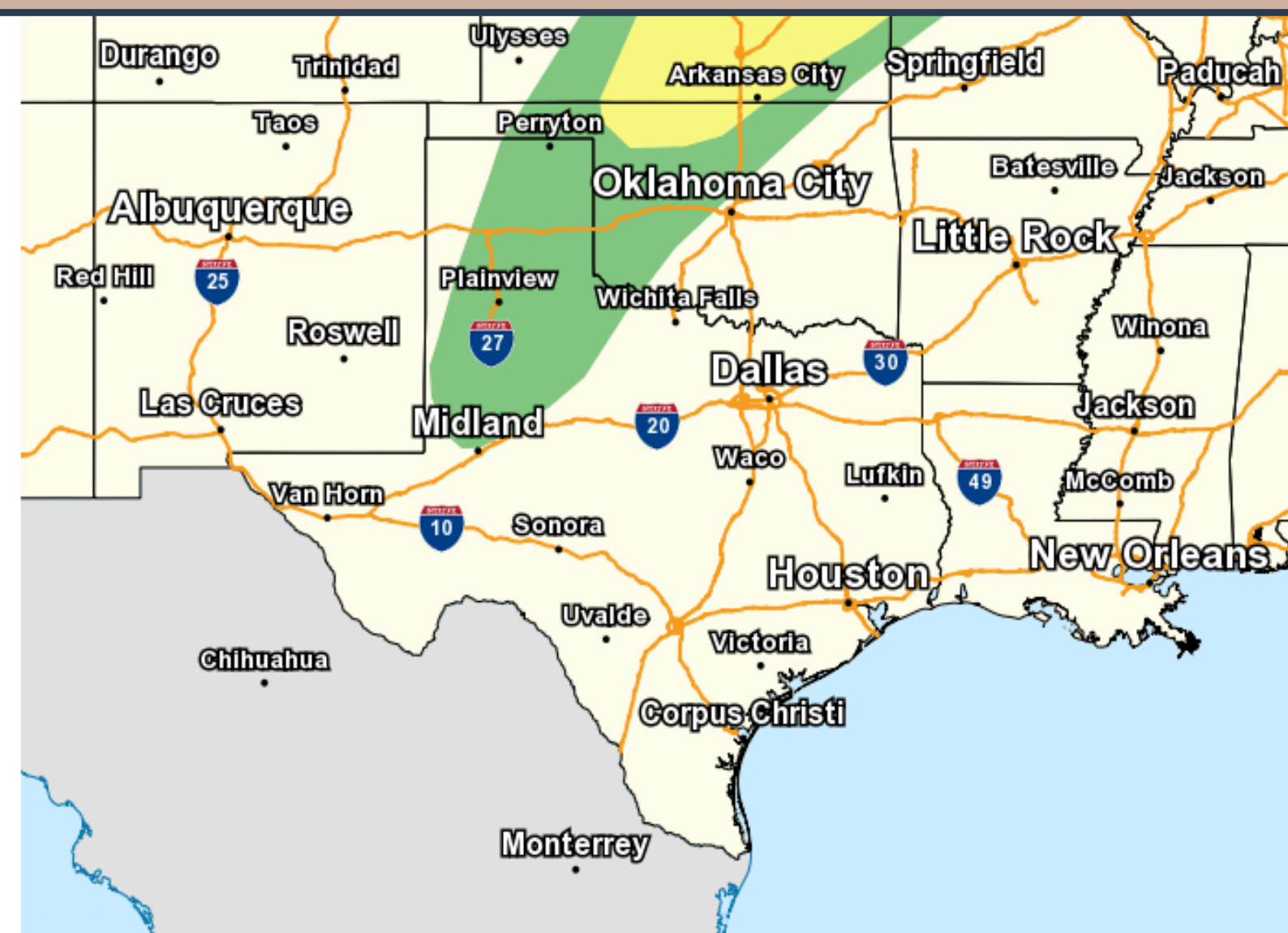


## Severe Weather Outlook

## Excessive Rainfall Outlook

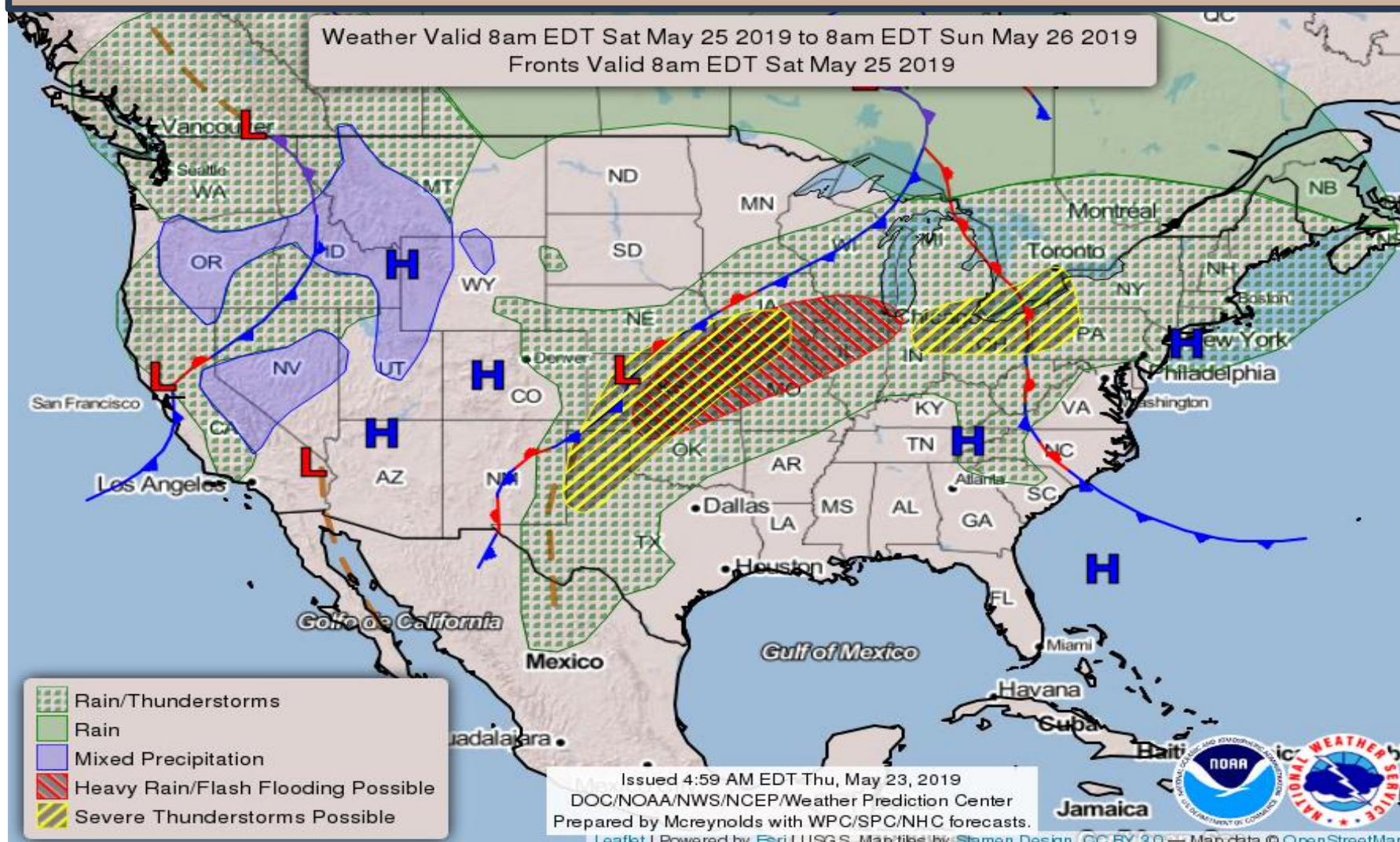


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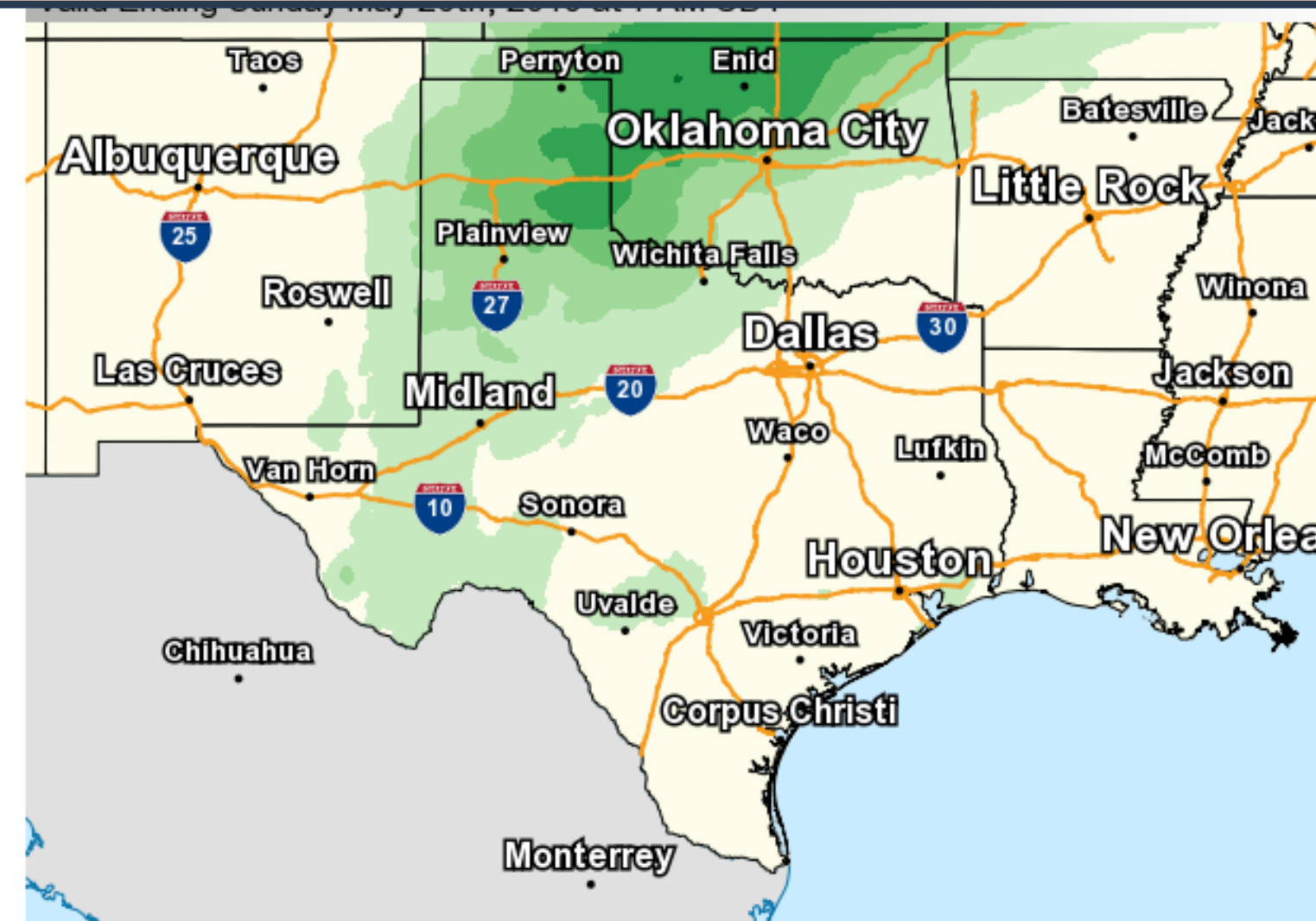
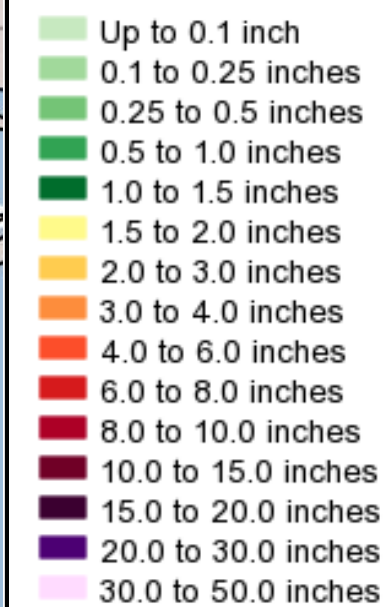


# Saturday's Weather

## Forecast Chart



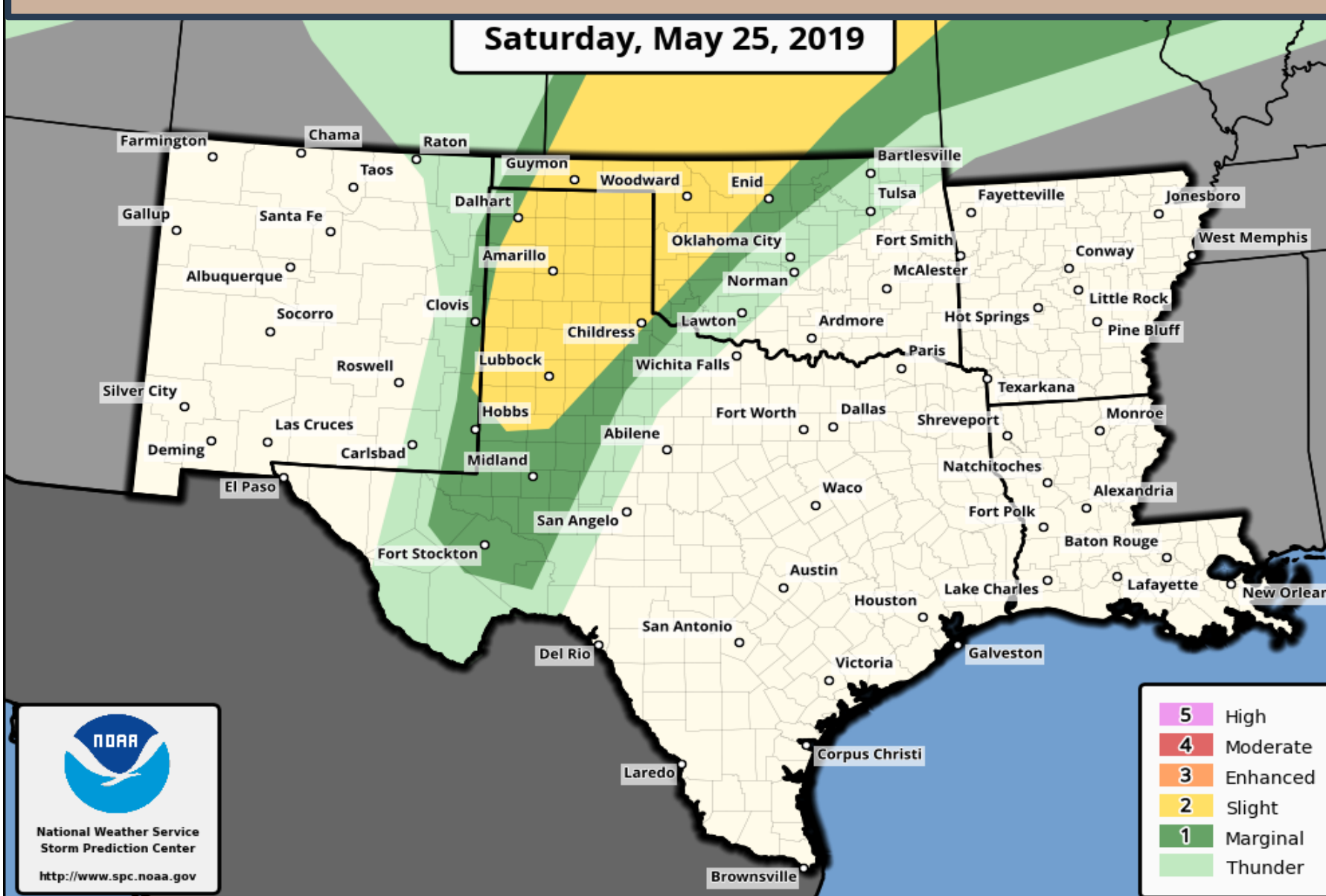
## Forecast Rainfall



Graphic Created  
May 23rd, 2019

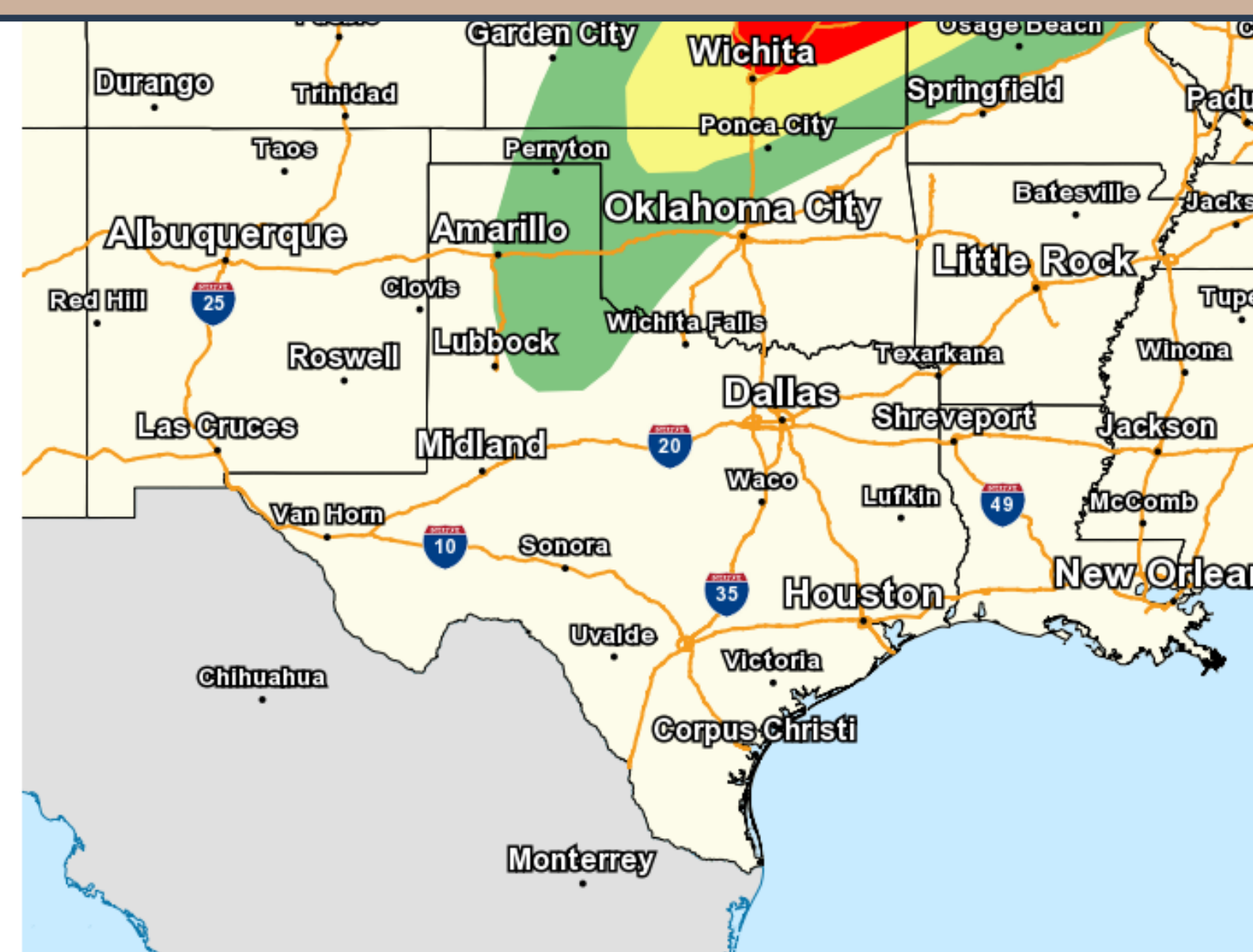
**Severe thunderstorms and heavy rainfall/flash flooding possible across W OK and TX Panhandle.**

## Severe Weather Outlook



Graphic Created  
May 23rd, 2019  
AM CDT

## Excessive Rainfall Outlook

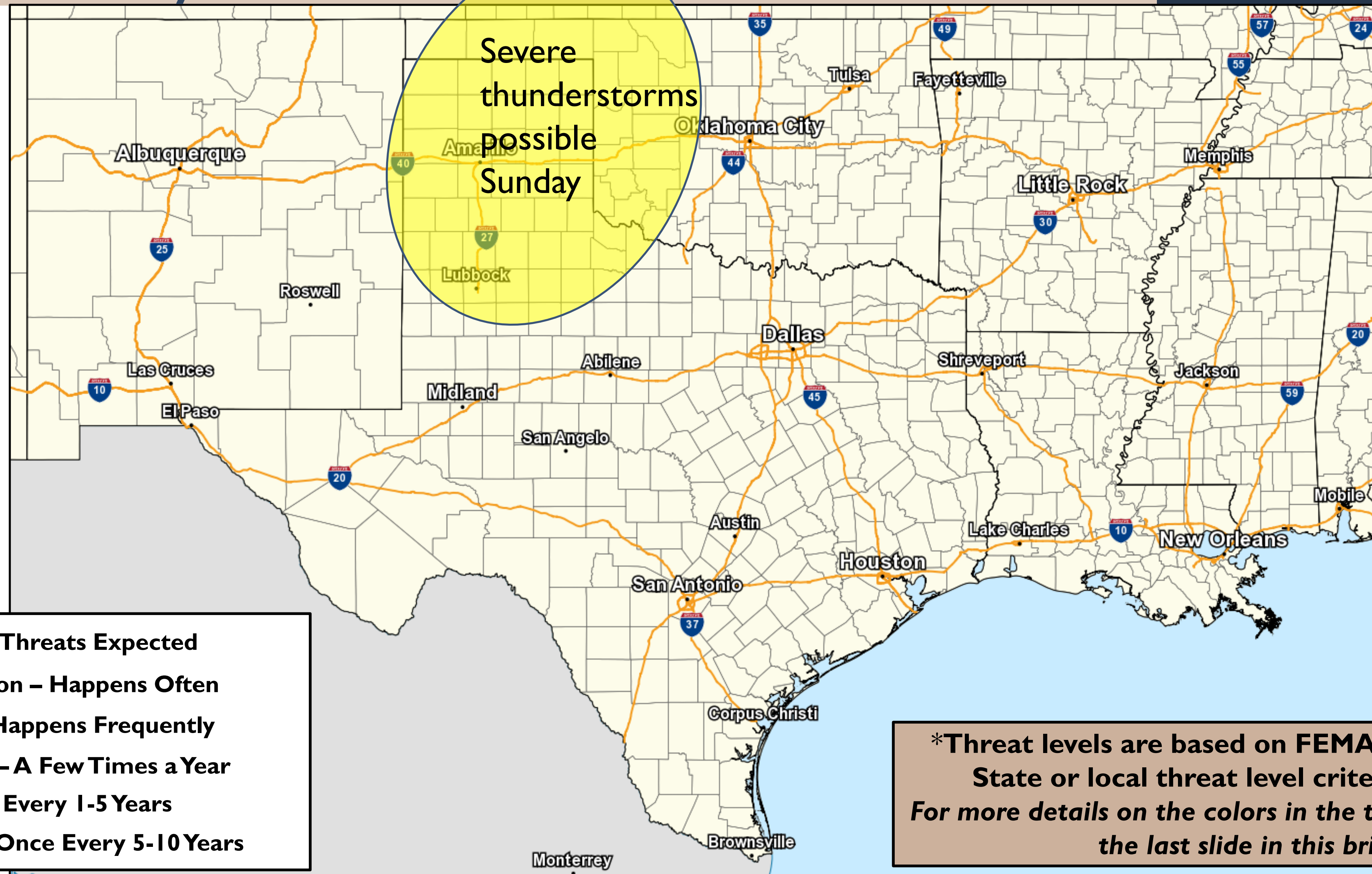


# Days 4-5 Weather Hazards

Sunday - Monday



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- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

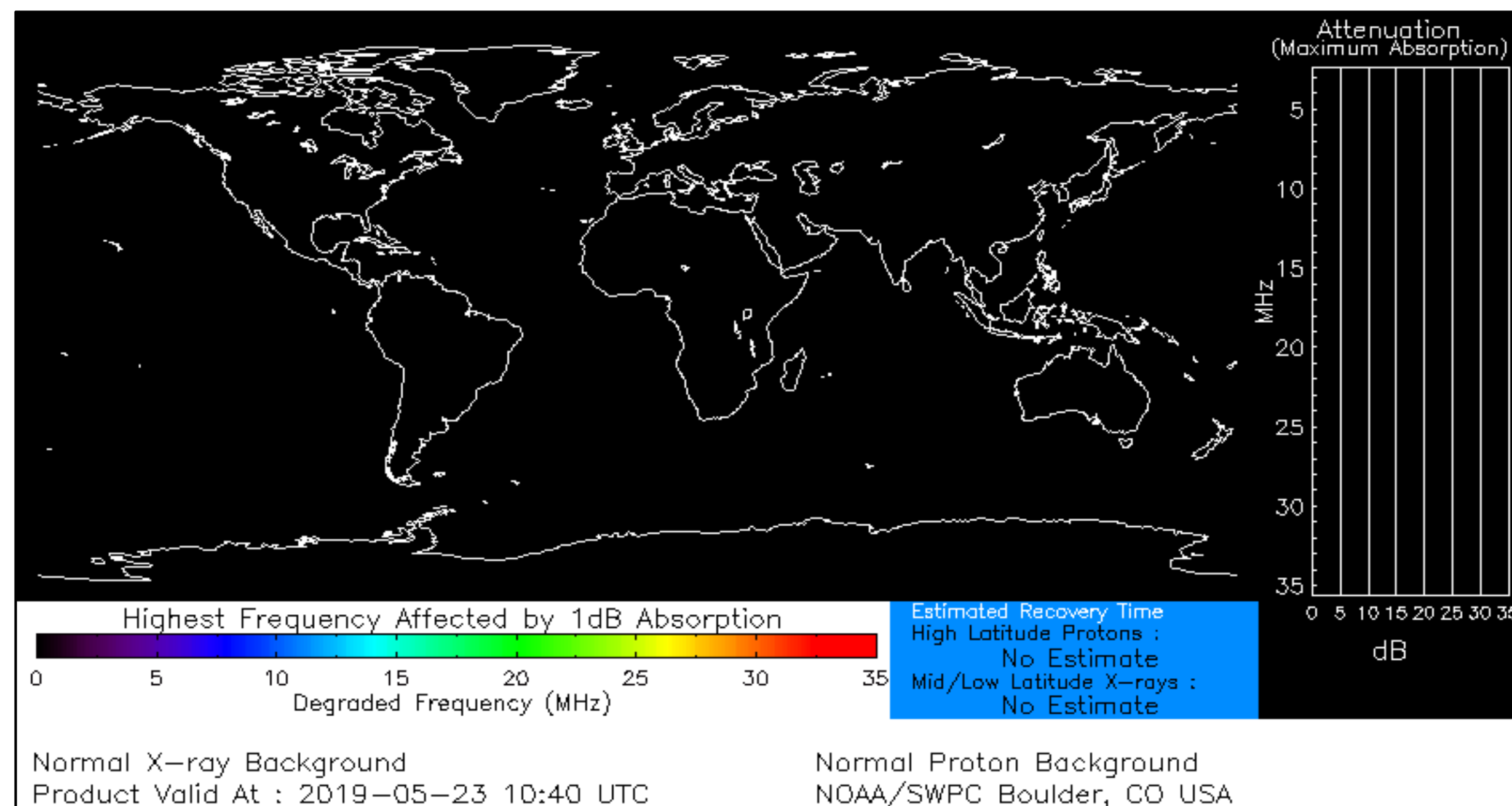
*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.\*  
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

# Space Weather 3-Day Forecast



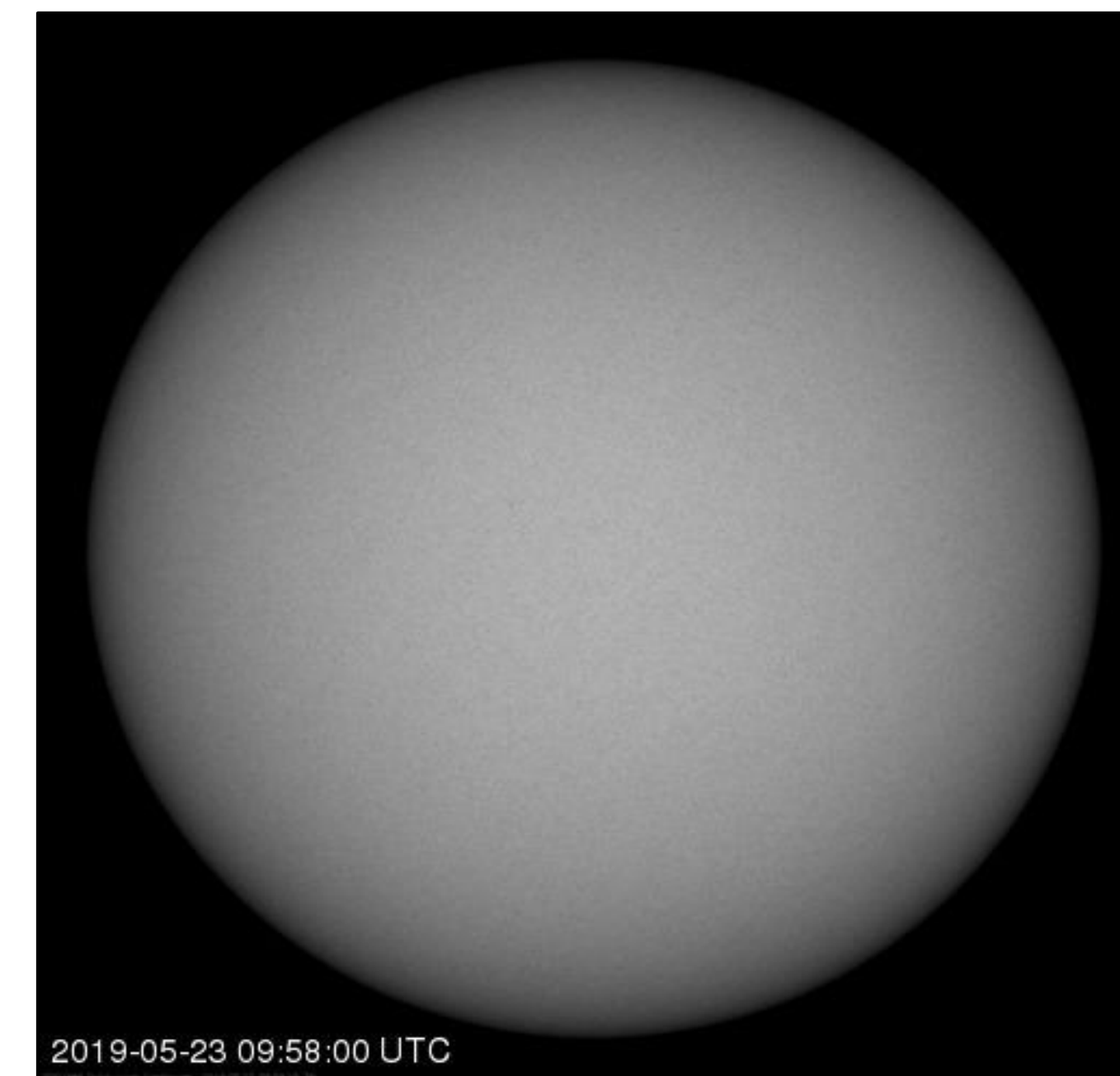
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	Thursday	Friday	Saturday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 3 )
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a  
Description of the Space  
Weather Storm Scales](#)

[Click here for the Latest  
3-Day Space Weather  
Forecast Text](#)





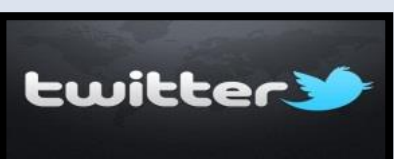
# For more information, please contact:

**National Weather Service**  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX

Phone: (682) 703-3747

E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**